

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT OFFICE

IN RE APPLICATION:

X Received
10/21/04
R. Chin

Title: SWEEPER

Applicant: Keith E. Smith

Art Unit: 1744

Serial No.: 10/633,461

Examiner: Randall Chin

Filed: 07/31/2003

Attorney File No: 2003-0017

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
SUBMITTED AFTER FIRST OFFICE ACTION

37 C.F.R 1.97 - 37 C.F.R 1.99

Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313

Sir:


1. Enclosed is form PTO-1449 listing references that may be material to the examination of the subject pending patent application.
2. Since the application was filed after June 30, 2003, copy of each of the references identified in the citation of prior art (Form PTO-1449) is not enclosed.
3. The above Applicant(s) submitting the above references to which applicant(s) is aware of in accordance with the duty of disclosure required by 35 CFR 1.56.
4. Applicant(s) requests the U.S. Patent Office consider the references listed in the enclosed form PTO-1449 during the examination of the subject pending patent application.
5. While the references listed in the Information Disclosure Statement may be material,

pursuant to 37 CFR 1.56, the Information Disclosure Statement is not intended to constitute an admission that any reference is prior art for this invention unless specifically designated as such.

6. The filing of this Information Disclosure Statement shall not be construed to mean that research has been made or the existence of other material information. 37 CFR 1.568 & 37 CFR 1.97(b).
7. This Information Disclosure Statement is being submitted after the issuance of a first office action from the U.S. Patent Office in the subject application.
8. Please charge all fees in accordance with the enclosed Credit Card Payment Form of the United States Patent and Trademark Office. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any over payments to the enclosed Credit Card Number.

Respectfully submitted,

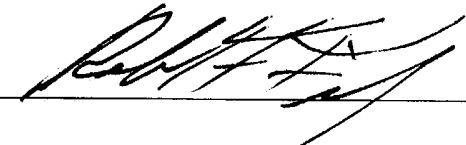
FRIJOUF, RUST & PYLE, P.A.



Robert F. Frijouf, Reg. 26,546
201 East Davis Boulevard
Tampa, FL 33606
(813) 254-5100
Attorneys for Applicant

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

Complete if Known

Application Number	10/633,461
Filing Date	July 31, 2003
First Named Inventor	Keith E. Smith
Art Unit	1744
Examiner Name	Randall E. Chin
Attorney Docket Number	2003-0017

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 1,276,953	08/27/1918	O. A. Parker	
	2	US- 1,322,341	11/18/1919	F. H. Ream	
	3	US- 2,460,216	101/25/1949	D. A. Dalton	
	4	US- 3,233,274	02/08/1966	M. O. Kroll	
	5	US- 3,948,104	04/06/1976	T. M. Stephens	
	6	US- 4,011,722	03/15/1977	J. H. Drake	
	7	US- 4,114,401	09/19/1978	W. E. Van Hoose	
	8	US- 4,191,032	03/04/1980	D. A. August	
	9	US- 4,636,180	01/13/1987	D. E. Runkle	
	10	US- 5,409,332	04/25/1995	B. R. Chabot, Jr. et al.	
	11	US- 5,467,720	11/21/1995	N. Korenaga et al.	
	12	US- 6,551,060	04/22/2003	G. S. Mordue et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.